

FILED

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J. Craig Smith (4143)
David B. Hartvigsen (5390)
NIELSEN & SENIOR
1100 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
Telephone: (801) 532-1900

SECRETARY, BOARD OF
OIL, GAS & MINING

Attorneys for North Emery Water Users Association
and Huntington-Cleveland Irrigation Company

Jeffrey W. Appel (3630)
Michele Mattsson (5401)
APPEL & MATTSSON
175 South Main Street
Suite 1110
Salt Lake City, Utah 84111
Telephone: (801) 532-1252

Attorneys for Castle Valley
Special Service District

BEFORE THE BOARD OF OIL, GAS, AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE REQUEST)	PETITIONERS RESPONSE TO
FOR AGENCY ACTION BY PETITIONERS)	CO-OP'S INTERROGATORIES
NORTH EMERY WATER USERS ASSOCIATION,)	TO PETITIONERS
HUNTINGTON-CLEVELAND IRRIGATION)	
COMPANY, AND CASTLE VALLEY SPECIAL)	Docket No. 94-027
SERVICES DISTRICT)	Cause No. ACT/015/025-93B

Petitioners respectfully respond to Co-op's Interrogatories as follows:

INTERROGATORY: Please identify each person whom you expect to call as an expert witness at the hearing in this matter, and for each such person, please state the following:

a. State the person's full name, address and telephone number.

b. State the education, training, experience, and other facts upon which you expect to rely to qualify the person as an expert witness.

c. State the subject matter on which the person is expected to testify.

d. State the substance of the facts and opinions to which the person is expected to testify.

e. Provide a summary of the grounds for each opinion.

f. Identify all documents reviewed by or prepared by the person in connection with the formulation of the person's opinions.

RESPONSE TO INTERROGATORY

a. S. Bryce Montgomery
3512 South 100 East
Bountiful, Utah 84010
(801) 295-8592

b. Bachelor of Science Geology. Graduate work in Geology and Engineering. Hydrological Engineer, Utah State Engineers office; Petroleum Geologist; Geologist and Chief Geologist, Utah Division of Water Resources. Registered Professional Geologist, State of Wyoming. Thirty-five years professional geological and hydrological experience.

c. Geology, Groundwater Hydrology, the effect of Co-op's Mining operations and mine dewatering, and proposed future mining operations and mine dewatering on Big Bear Spring and Birch Spring.

d. The substance of the facts and opinions to which Mr. Montgomery is expected to testify are that the activities of

Co-op Mining in operating its mine in Big Bear Canyon including its mine dewatering and mine water utilization causing an impact on both Big Bear Spring, which is utilized for drinking water purposes by Castle Valley Special Services District, and Birch Spring, which is utilized for drinking water purposes by North Emery Water Users Association.

This impact by Co-op has caused both decreased flows of the Springs and deterioration of water quality. These impacts are measurable from the decreased flows of both springs and are due to the hydrologic connection between the aquifer being dewatered in Co-op's mining operations and the aquifers from which Birch Spring and Big Bear Spring issue. This interconnection is due primarily to faulting. See also subpart c.

e. See Response to Subpart d. and f.

f. All hydrology documents including the PHC and CHIA on file regarding Co-op Mine at DOGM. The groundwater system and possible effects of underground coal mining in the Trail Mountain Area, Central Utah by Gregory Lines. Hydrology of Area 56, Northern Great Plains and Rocky Mountain Coal Provinces, Utah, by Gregory C. Lines. Hydrology of Alkali Creek and Castle Valley Ridge Coal Lease Tracts, Central Utah and Potential Effects of Coal Mining by R. L. Seiter and R. L. Baskin. Hydrology of the Coal Resource Areas in the Upper Drainages of Huntington and Cottonwood Creeks, Central Utah, by Danielson, ReMillard and Fuller. Hydrology of Coal Resource Areas in the Southern Wasatch Plateau,


Central Utah, by Terrence Danielson and Dean Sylla. Hydrology of the Price River Basin, Utah, with Emphasis on Selected Coal-field areas by K. M. Waddell.

All of the above are U.S.G.S. publications.

Precipitation data for the immediate area of the springs obtained from SCS and spring flow data obtained from records of North Emery Water Users, Co-op Mining and Castle Valley Special Services District.

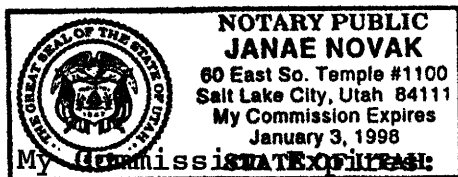
DATED this 19th day of October, 1994.


NIELSEN & SENIOR, P.C.


David B. Hartvigsen
Attorneys for North Emery Water
Users Association and Huntington-
Cleveland Irrigation Company

STATE OF UTAH)
 : ss.
COUNTY OF SALT LAKE)

On the 19 day of October, 1994, personally appeared before me David B. Hartvigsen, the signer of the within instrument, who duly acknowledged to me that he executed the same.




NOTARY PUBLIC
Residing at _____

CERTIFICATE OF SERVICE

I hereby certify that on this 9 day of October, 1994, I have caused to be sent, through the United States mail, first-class, postage prepaid, a true and correct copy of the foregoing PETITIONERS RESPONSE TO CO-OP'S INTERROGATORIES TO PETITIONERS addressed as follows:

Carl E. Kingston, Esq.
3212 South State Street
Salt Lake City, UT 84115

F. Mark Hansen, Esq.
341 South Main, Suite 406
Salt Lake City, UT 84111

A handwritten signature, likely "James D. Cook", is written over a horizontal line.